



S/N 10/719217

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Leonard Forbes	Examiner:	Hien Nguyen
Serial No.:	10/719217	Group Art Unit:	2824
Filed:	November 20, 2003	Docket:	303.620US2
Title:	PROGRAMMABLE FUSE AND ANTIFUSE AND METHOD THEREFOR		

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement.

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The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.


The present application is either a U.S. national patent application filed after June 30, 2003 or an international application that entered the national stage under 35 U.S.C. § 371 after June 30, 2003. Thus, Applicant believes that the U.S. Patent & Trademark Office has waived the requirement under 37 C.F.R. 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication. The waiver is provided in a pre-OG notice from the U.S. Patent & Trademark Office entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003" and dated July 11, 2003. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

Respectfully submitted,

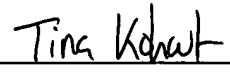
LEONARD FORBES

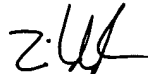
By his Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6904

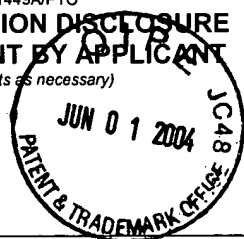
Date May 27, 2004 By   
Daniel J. Kluth  
Reg. No. 32,146

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 27 day of May, 2004.

  
Name

  
Signature

Substitute for form 1449A/PTO  
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use as many sheets as necessary)



Complete if Known

Application Number	10/719217
Filing Date	November 20, 2003
First Named Inventor	Forbes, Leonard
Group Art Unit	2824
Examiner Name	Nguyen, Hien

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### US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-3,992,701	11/16/1976	Abbas, Shakir A., et al.	340	173 R	04/10/1975
	US-4,761,768	08/02/1988	Turner, John E., et al.	365	201	03/04/1985
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	US-5,172,204	12/15/1992	Hartstein, Allan M.	307	201	03/27/1991
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	US-5,867,425	02/02/1999	Wong, Ting-wah	365	185.08	04/11/1997
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	US-6,180,957	01/30/2001	Miyasaka, M., et al.	257	57	04/08/1997
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	US-6,272,042	08/07/2001	Kato, Masataka, et al.	365	185.11	08/01/2000
	US-6,452,835	09/17/2002	Diorio, Christopher J., et al.	365	185.03	10/27/2000
	US-6,456,535	09/24/2002	Forbes, Leonard, et al.	365	185.28	06/15/2001
	US-6,504,762	01/07/2003	Harari, Eliyahou	365	185.24	03/29/1999
	US-6,510,086	01/21/2003	Kato, Masataka, et al.	365	185.29	10/31/2001
	US-6,664,601	12/16/2003	King, Tsu-Jae	257	369	11/18/2002

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T <sup>2</sup>
	JP-06-283713	10/07/1994	Mogami, Toru	H01L	29/784	

EXAMINER

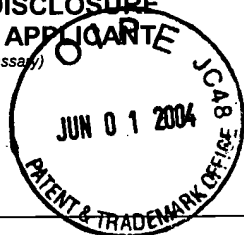
DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

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**INFORMATION DISCLOSURE  
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Application Number	10/719217
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First Named Inventor	Forbes, Leonard
Group Art Unit	2824
Examiner Name	Nguyen, Hien

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Attorney Docket No: 303.620US2

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		ABBAS, S. A., et al., "N-Channel Igfet Design Limitations Due to Hot Electron Trapping", <u>Technical Digest, International Electron Devices Meeting</u> , Washington, DC, (December 1975), 35-38	
		FORBES, L. , et al., "Field Induced Re-Emission of Electrons Trapped in SiO", <u>IEEE Transactions on Electron Devices</u> , ED-26 (11), Briefs, (November 1979), 1816-1818	
		HWANG, N. , et al., "Tunneling and Thermal Emission of Electrons from a Distribution of Deep Traps in SiO", <u>IEEE Transactions on Electron Devices</u> , 40(6), (June 1993), 1100-1103	

**EXAMINER****DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional) <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached